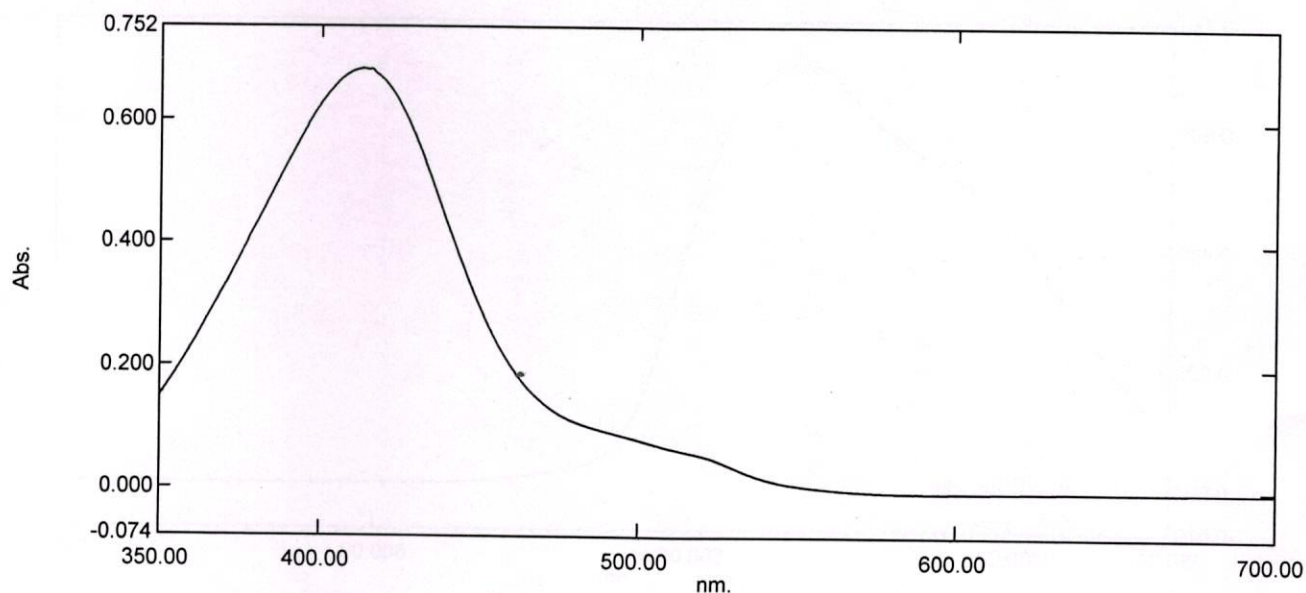


Product Name : PAR INDICATOR MONOSODIUM SALT , c=5mg/Lt
 Analyst: U.S.Matre
 Department: Analytical
 Organisation: ESJAY CHEMICALS



No.	P/V	Wavelength	Abs.	Description
1	⊕	413.00	0.684	

CERTIFICATE OF ANALYSIS

PRODUCT : PAR INDICATOR MONOSODIUM SALT
 4-2-Pyridylazo)resorcinol, monosodium salt hydrate
 C.A.S. NO. : 16593 – 81 – 0

TYPICAL COA

<u>Tests</u>	<u>Results</u>	<u>Specification</u>
1. Appearance	- Orange powder	(Dark orange to brown or brown-orange powder)
2. Solubility 0.1% (Dist. water)	- Clear solution	(Passes test)
3. Absorption Maximum (in Dist.water) λ_{max}	- 413 nm	(411-415nm)
4. Absorptivity 1%/ 1cm,(in Dist.water)	- 1368	(> 1300)
5. Dye content (by spectrophotometry)	- 94.7 %	(> 90%)
6. Loss on drying at 110°C (1hr)	- 5.82%	(< 8%)

Mfg. Date: JULY - 2021
 Exp. Date : JUNE - 2027

ESJAY Chemicals

U.S. Matre
 Analytical Dept